

Title (en)  
Electric power steering system

Title (de)  
Elektrische Servolenkung

Title (fr)  
Système de direction assistée électrique

Publication  
**EP 1905672 B1 20091125 (EN)**

Application  
**EP 07116936 A 20070921**

Priority  
• US 84797706 P 20060928  
• US 89443207 A 20070821

Abstract (en)  
[origin: EP1905672A2] An electric power steering system for a vehicle including a shaft assembly (22), a torque sensor assembly (18) in operable communication with the shaft assembly (22), and a housing (12) disposed around the torque sensor assembly (18). The shaft assembly (22) includes a first shaft element (24), a second shaft element (26), and a torsion bar (28) coupling the second shaft element (26) to the first shaft element (24). At least one bearing (33a) is positioned between the first shaft element (24) and the second shaft element (26) for supporting a portion of the first shaft element (24) within the housing. The housing (12) includes a first housing portion (14) and a second housing portion (16) secured to the first housing portion (14) by an interference fit formed between the first and second housing portions.

IPC 8 full level  
**B62D 6/10** (2006.01)

CPC (source: EP US)  
**B62D 5/0403** (2013.01 - EP US); **B62D 6/10** (2013.01 - EP US); **B62D 15/0215** (2013.01 - EP US)

Cited by  
CN104884335A; US9731753B2; WO2014079635A1

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DOCDB simple family (publication)  
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